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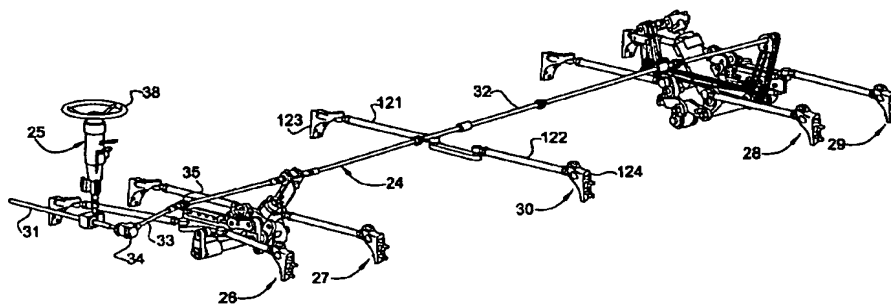
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(54) Title: STEERING SYSTEM FOR VEHICLES



(57) Abstract: A steering system (23) for a vehicle having a body (21) supported on at least two sets of steerable wheels (26, 27), generally consisting of a steering shaft (37) provided with a wheel; a torque transmitting main shaft (32) support longitudinally on the body; means operatively interconnecting the steering shaft (37) and the main shaft (32) for transmitting rotary motion of the steering shaft (37) to rotary motion of the main shaft (32); a first transversely displaceable means operatively interconnecting knuckle brackets (46) of one of the sets of steerable wheels; means operatively interconnecting the main shaft and the first transversely displaceable means for translating rotary motion of the main shaft (32) to linear motion of the first transversely displaceable means; second transversely means operatively interconnecting knuckle brackets (95) of the other sets of steerable wheels; and means operatively interconnecting the main shaft (32) and the second transversely displaceable means for translating rotary motion of the main shaft to linear motion of the second transversely displaceable means.

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A. CLASSIFICATION OF SUBJECT MATTER		
IPC(7) : B62D 7/20, 7/22		
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B. FIELDS SEARCHED		
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
East		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,402,170 (Hurlburt) 11 June 2002 (11.06.2002), see entire document.	38-45
Y, E	US 6,675,925 (Takahashi et al) 13 January 2004 (13.01.2004), see entire document.	38-45
A	US 5,851,015 (Klosterhaus) 22 December 1998 (22.12.1998), see entire document.	1-37, 46-52
A	US 6,116,645 (Benassi) 12 September 2000 (12.09.2000), see entire document.	1-37, 46-51
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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